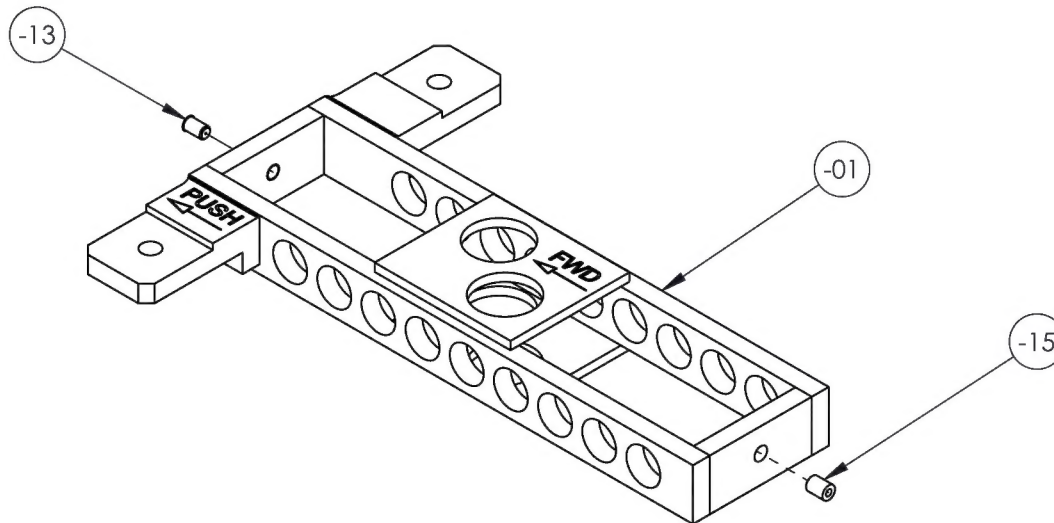


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	UPDATED TO NEW DRAFTING STANDARDS. <b>-01</b> IMPROVED GD&T. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II. <b>-03</b> REMOVED GD&T. CH'D DIM WAS 7.44 IS (7.44). <b>-05</b> CH'D DIM WAS .25 IS (.25). <b>-07</b> CH'D DIM WAS .12 IS (.12). <b>-09</b> CH'D DIM WAS .25 IS (.25). <b>-11</b> CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13. ADDED DIM .06 X 45°. DELETED DIMS 1.00, 1.43.	12/22/2014	DPD	JAG
2	15-0290	<b>-01</b> CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS. ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM. MOVED DATUM B TO Ø.1885 - .1800 $\sqrt{.25}$ DIMENSION. <b>-05</b> , <b>-07</b> , <b>-09</b> CH'G MATERIAL WAS 1018 IS A36. <b>-11</b> CH'G MATERIAL WAS 1018 IS A36. CORRECTED T/N WAS RBT4002810 IS RBT400280.	9/3/2015	RJC	JAG



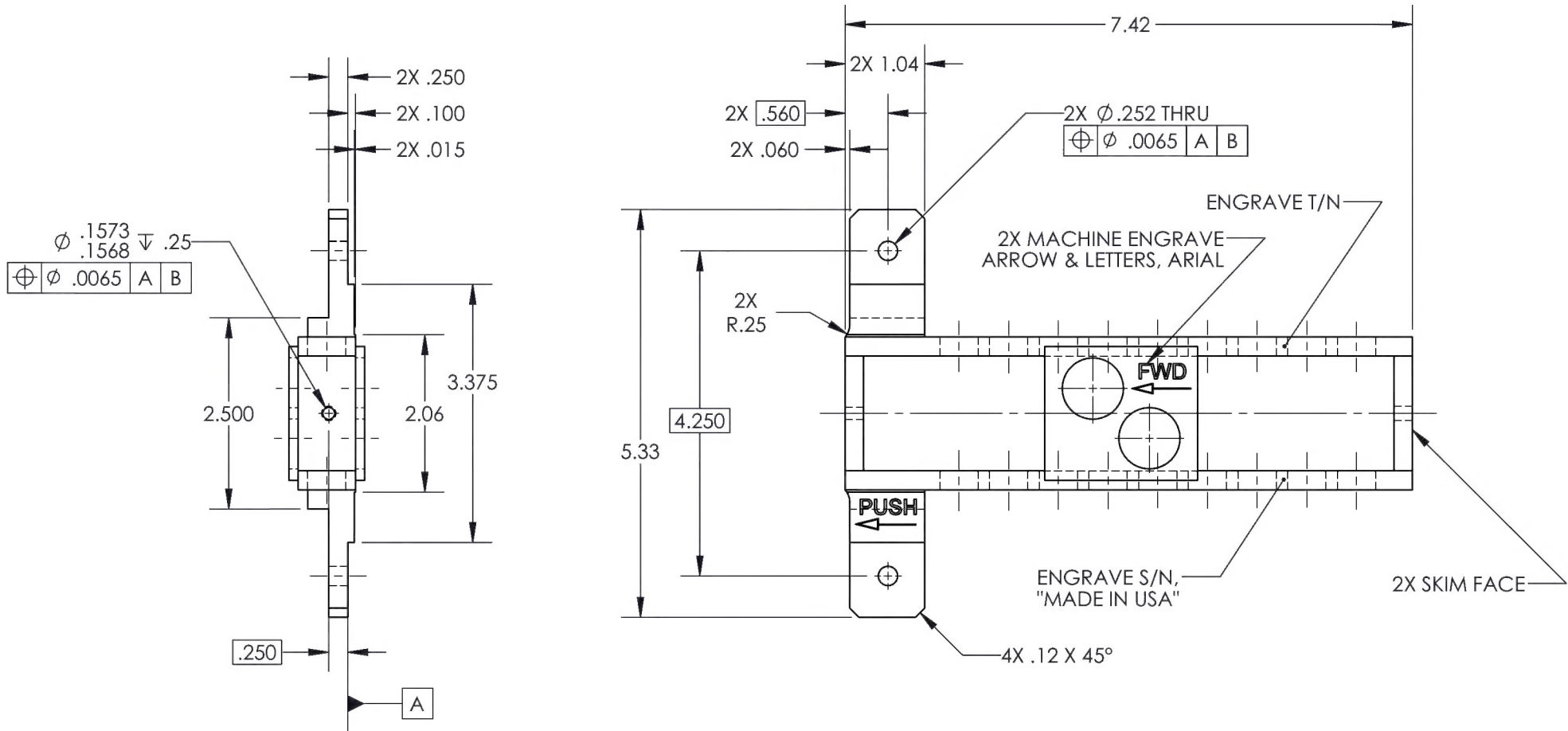
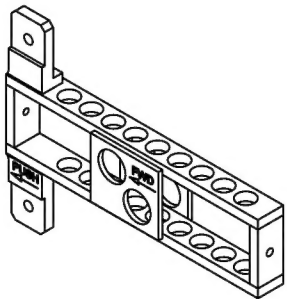
NOTE:  
RBT400280 REPLACES BELL T/N: 412-240-034-101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-01	1	MACHINED WELDMENT			2
X	1		-03		WELDMENT			3
2			-05		SIDE	A36		4
2			-07		BRACE	A36		5
2			-09		END	A36		6
2			-11		MOUNT	A36		7
		B/O	-13	1	DRILL BUSHING	STEEL	Ø.020 I.D. X Ø5/32 O.D. X 1/4 (CARR-LANE #P-10-4-.0200)	1
		B/O	-15	1	DRILL BUSHING	STEEL	Ø.086 I.D. X 3/16 O.D. X 1/4 (MCMASTER CARR #8491A006)	1
ASSY -03	ASSY -01							

<b>DART</b> AEROSPACE	
TITLE <b>HANGER SIMULATOR</b>	
DWG NO. <b>RBT400280</b>	REV <b>2</b>
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: <b>PERRITT</b> APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>BELL 412</b>
SCALE 1:2	DATE 10/19/2009
SHEET 1 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-01 IMPROVED GD&T. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II.	12/22/2014	DPD	JAG
2	15-0290	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM, MOVED DATUM B TO Ø.1885 - .1800 $\nabla$ .25 DIMENSION.	9/3/2015	RJC	JAG



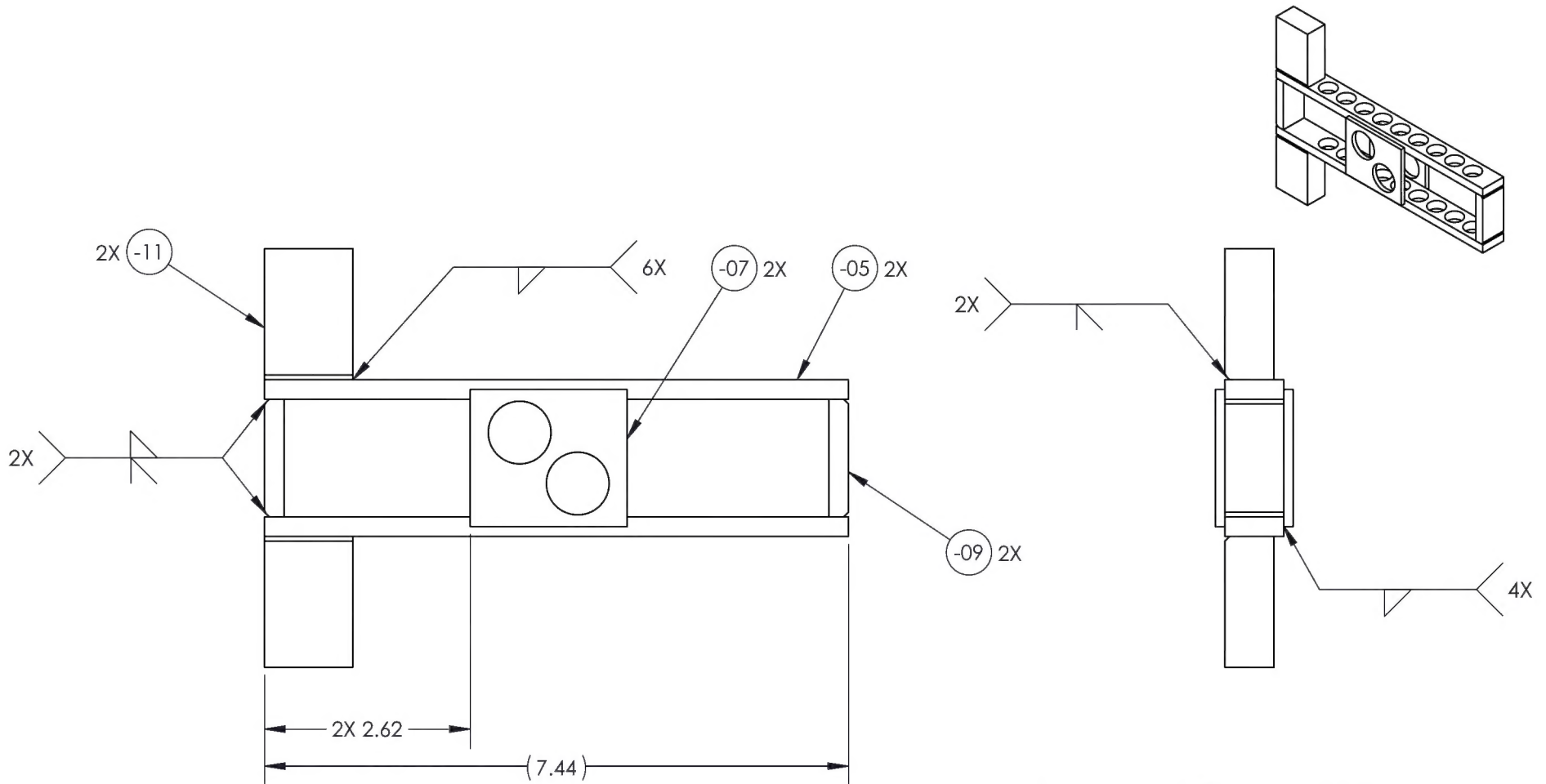
(-01)

MACHINED WELDMENT

DART AEROSPACE			
TITLE		HANGER SIMULATOR	
DWG NO.		RBT400280-01	REV 2
MAT'L		DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D. Weil</i>	
.XXX $\pm$ .005		HEAT TREAT	
.XX $\pm$ .01		FINISH CAD PLATE YELLOW	
.X $\pm$ .1		SPEC QQ-P-416F, TYPE II, CLASS II	
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL	
OR .015R		BELL 412	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:2	DATE	10/19/2009
		SHEET 2 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-03 REMOVED GD&T. CH'D DIM WAS 7.44 IS (7.44).	12/22/2014	DPD	JAG

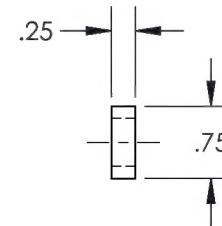
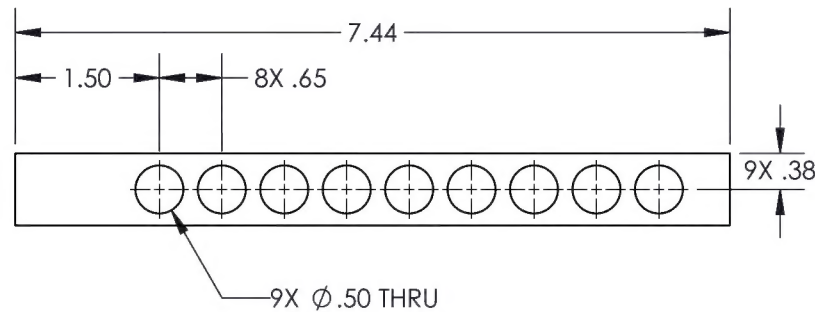
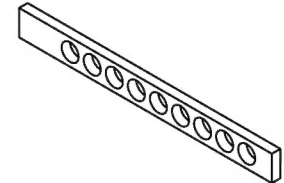


(-03)  
WELDMENT

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400280-03	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 412
SCALE 1:2	DATE 10/19/2009
SHEET 3 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-05 CH'D DIM WAS .25 IS (.25).	12/22/2014	DPD	JAG
2	15-0290	-05 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG

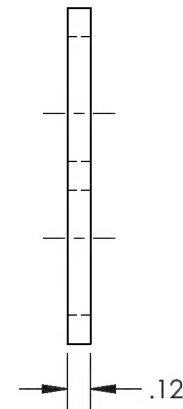
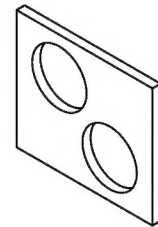
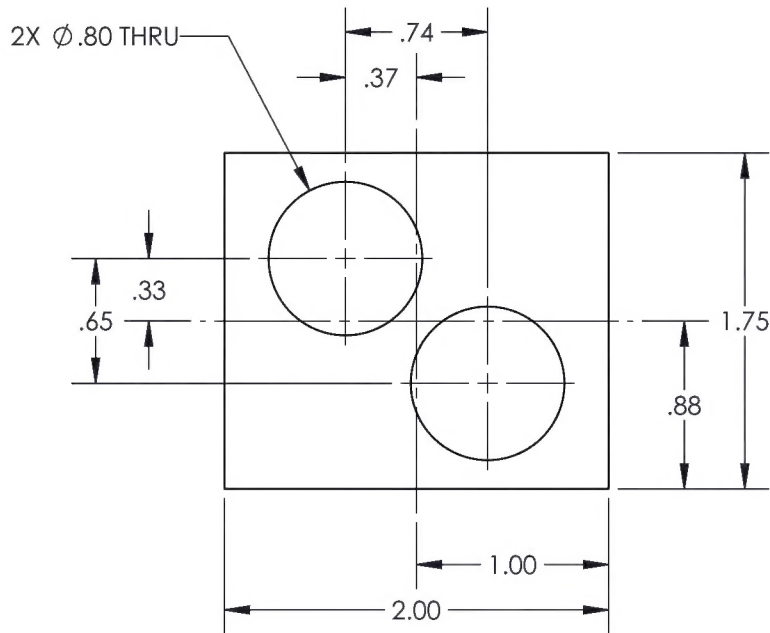


(-05)  
SIDE

<b>DART AEROSPACE</b>	
TITLE <b>HANGER SIMULATOR</b>	
DWG NO. <b>RBT400280-05</b>	REV <b>2</b>
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -01
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:2	DATE 10/19/2009
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-07 CH'D DIM WAS .12 IS (.12).	12/22/2014	DPD	JAG
2	15-0290	-07 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG



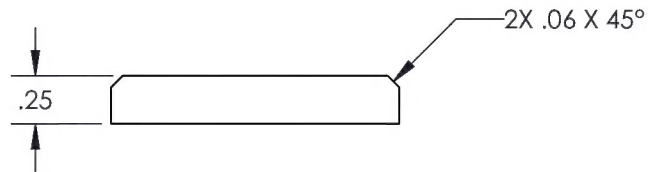
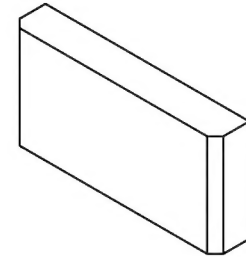
(-07)

BRACE

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400280-07	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH SEE -01
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 412
SCALE 1:1	DATE 10/19/2009
	SHEET 5 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-09 CH'D DIM WAS .25 IS (.25).	12/22/2014	DPD	JAG
2	15-0290	-09 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG



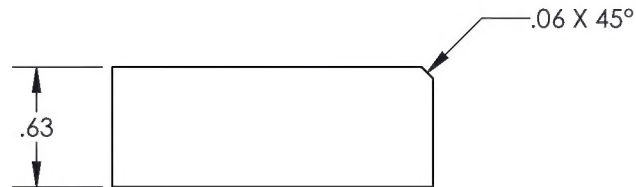
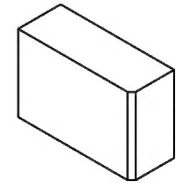
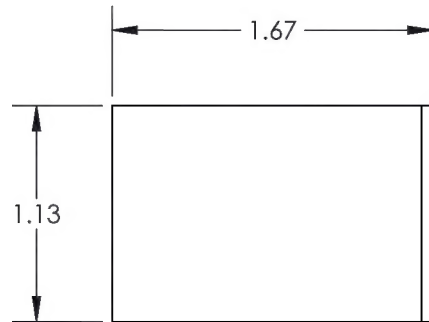
(-09)

END

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400280-09	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -01
.X ± .1	ANGLES ± 5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 412
SCALE 1:1	DATE 10/19/2009
	SHEET 6 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-11 CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13. ADDED DIM .06 X 45°. DELETED DIMS 1.00, 1.43.	12/22/2014	DPD	JAG
2	15-0290	-11 CH'G MATERIAL WAS 1018 IS A36. CORRECTED T/N WAS RBT4002810 IS RBT400280.	9/3/2015	RJC	JAG



(-11)

MOUNT

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400280-11	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± .5°	FINISH SEE -01
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:1	DATE 10/19/2009
SHEET 7 OF 7	